

CLAIMS

1. A transmission device, comprising:

a receiving unit operable to receive a digital broadcast signal distributed from a prescribed distribution device;

a first generating unit operable to set identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

a second generating unit operable to compose a predetermined number of digital broadcast signals on the basis of the composite information to generate redistribution digital broadcast signals containing the composite information; and

a transmitter operable to transmit the redistribution digital broadcast signals to the reception device.

2. The transmission device as claimed in claim 1, wherein the reception control information is set to control the reception operation for every digital broadcast signal for redistribution in the reception device.

3. The transmission device as claimed in claim 1, wherein the first generating unit generates the composite information every time a digital broadcast signal for redistribution is received by the reception device or so that the composite information is achieved by the reception device when the composite information is renewed.

4. The transmission device as claimed in claim 3, wherein the renewal of the composite information is recognized on the basis of version information of the composite information.

5. A transmission method, comprising:

receiving a digital broadcast signal distributed from a prescribed distribution device;

setting identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

composing a predetermined number of digital broadcast signals on the basis of the composite information to generate redistribution digital broadcast signals containing the composite information; and

transmitting the redistribution digital broadcast signals to the reception device.

6. A recording medium having a computer-readable program recorded thereon, the program comprising:

receiving a digital broadcast signal distributed from a prescribed distribution device;

setting identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

composing a predetermined number of digital broadcast signals on the basis of the composite information to generate redistribution digital broadcast signals containing the composite information; and

transmitting the redistribution digital broadcast signals to the reception device.

7. A system for performing a transmission process, comprising:

a processor for executing instructions; and
instructions, the instructions including:

receiving a digital broadcast signal distributed from a prescribed distribution device;

setting identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

composing a predetermined number of digital broadcast signals on the basis of the composite information to generate redistribution digital broadcast signals containing the composite information; and

transmitting the redistribution digital broadcast signals to the reception device.

8. A reception device, comprising:

a storage unit operable to store identification information corresponding to the reception device;

a receiver operable to receive a redistribution digital broadcast signal containing composite information transmitted from a transmission device;

an achieving unit operable to achieve reception control information corresponding to the identification information stored in the storage unit from an area secured in advance in a format of the composite information;

an extracting unit operable to extract a desired digital broadcast signal from the redistribution digital broadcast signal by using the composite information; and

a processor operable to process the desired digital broadcast signal on the basis of the reception control information.

9. The reception device as claimed in claim 8, wherein the achieving unit achieves the reception control information every time the redistribution digital broadcast

signal is received by the receiver or when the composite information is renewed.

10. The reception device as claimed in claim 9, wherein the renewal of the composite information is recognized from version information of the composite information.

11. The reception device as claimed in claim 8, wherein the achieving unit achieves the reception control information separately from the reception of the redistribution digital broadcast signal in the receiver.

12. A reception method, comprising:

storing identification information corresponding to a reception device;

receiving a redistribution digital broadcast signal containing composite information transmitted from a transmission device;

achieving reception control information corresponding to the stored identification information from an area secured in advance in a format of the composite information;

extracting a desired digital broadcast signal from the redistribution digital broadcast signal by using the composite information; and

processing the desired digital broadcast signal on the basis of the reception control information.

13. A recording medium having a computer-readable program recorded thereon, the program comprising:

storing identification information corresponding to a reception device;

receiving a redistribution digital broadcast signal containing composite information transmitted from a transmission device;

achieving reception control information corresponding to the stored identification information from an

area secured in advance in a format of the composite information;

extracting a desired digital broadcast signal from the redistribution digital broadcast signal by using the composite information; and

processing the desired digital broadcast signal
on the basis of the reception control information.

14. A system for performing a reception process,
comprising:

a processor for executing instructions; and
instructions, the instructions including:
storing identification information
corresponding to a reception device;

receiving a redistribution digital broadcast signal containing composite information transmitted from a transmission device;

achieving reception control information
corresponding to the stored identification information from an
area secured in advance in a format of the composite
information;

extracting a desired digital broadcast signal from the redistribution digital broadcast signal by using the composite information; and

processing the desired digital broadcast signal
on the basis of the reception control information.